

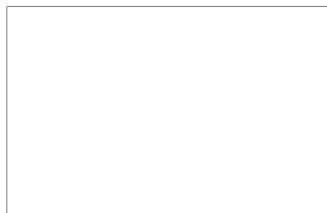
~~TOP SECRET~~



**PHOTOGRAPHIC
INTERPRETATION
REPORT**

**NATIONAL PHOTOGRAPHIC
INTERPRETATION CENTER**

**NEWLY IDENTIFIED INSTALLATIONS
KIRIN PROVINCE, CHINA**



^{25X1}
~~TOP SECRET~~

25X1

**OCTOBER 1972
COPY NO. 121
4 PAGES
PIR-048/72**

Page Denied

TOP SECRET RUFF

25X1

PHOTOGRAPHIC INTERPRETATION REPORT

NEWLY IDENTIFIED INSTALLATIONS KIRIN PROVINCE, CHINA

OCTOBER 1972

NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

25X1

TOP SECRET RUFF

TOP SECRET RUFF

25X1

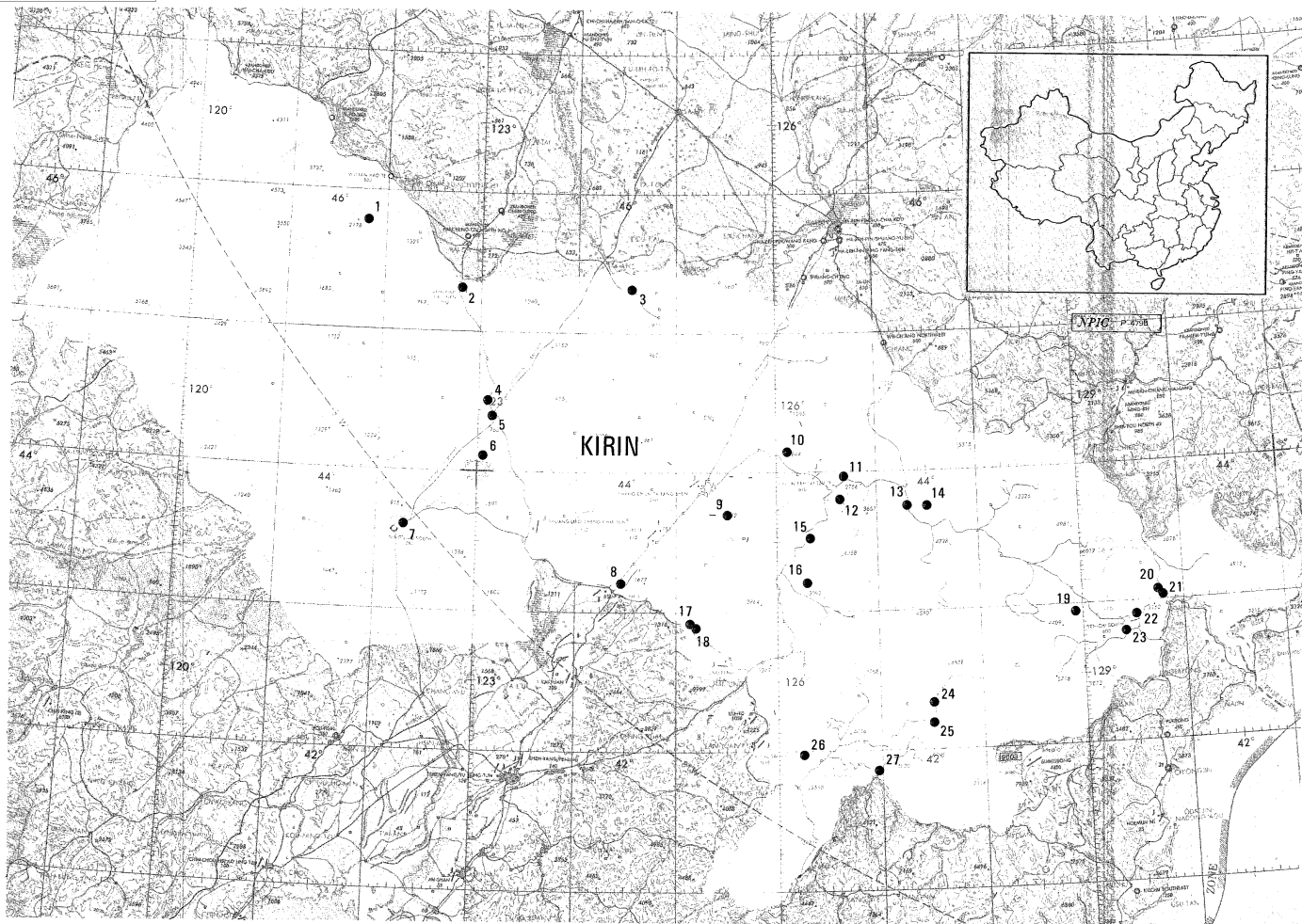


FIGURE 1. NEWLY IDENTIFIED INSTALLATIONS, KIRIN PROVINCE (ITEM NUMBERS KEYED TO TABLE 1)

NEWLY IDENTIFIED INSTALLATIONS KIRIN PROVINCE, CHINA

1. Twenty-seven newly identified installations were observed in Kirin Province, on photography
 [redacted] Approximately 90 percent of the province was covered by cloud-free photography.

25X1

2. Included in the total of 27 non-military installations are an explosives production facility, eight electric powerplants, three POL-related facilities (including a new petroleum refinery), and six chemical fertilizer plants.

3. Industrial activity included mining and materials-stockpiling in open storage within many of the industries. Many of the railyards were occupied by gondola cars and flat cars loaded with materials and equipment. Numerous POL tank cars were near POL facilities in the province.

TOP SECRET RUFF

25X1

TOP SECRET RUFF

25X1

Table 1. Newly Identified Installations, Kirin Province, China (Item numbers keyed to Figure 1)

ITEM	INSTALLATION	GEOGRAPHIC COORDINATES	DESCRIPTION	
1	Pao-lung-tun Thermal Powerplant [REDACTED]	45-45-55N 121-50-45E	5.9 nm SW of Pao-lung-tun and 20.1 nm SW of Wu-lan-hao-te. The facility consists of a boilerhouse with a generator hall, a waste gas stack, a cooling pond, a poss coal-treatment bldg, and a coal-storage area.	25X1
2	Tao-an Chemical Fertilizer Plant [REDACTED]	45-19-35N 122-47-40E	On the SE edge of Tao-an. The wall-secured, road-served facility consists of a powerplant, a retort bldg, a gasometer, four nitric acid tanks, a nitric acid production bldg, an ammonia-synthesis bldg, and 12 storage/support bldgs.	25X1
3	Fu-yu Possible Chemical Fertilizer Plant [REDACTED]	45-18-30N 124-29-10E	15.6 nm NW of Fu-yu. The rail-served facility is adjacent to Fu-yu Probable Thermal Powerplant [REDACTED] and consists of two poss tank-base excavations, a poss ammonia-synthesis bldg ucon, a poss prilling tower, a poss nitric acid products area, a poss storage bldg, and ten support bldgs. No steamlines or pipelines were observed.	25X1 25X1
4	Kai-tung Thermal Powerplant [REDACTED]	44-28-30N 123-02-50E	On the NW edge of Kai-tung and 50 nm south of Pai-cheng. The road-served wall-secured facility consists of a boilerhouse with a generator hall, two waste gas stacks, two cooling ponds, nine storage/support bldgs, a poss messhall, and four prob quarters.	25X1
5	Tai-ping-chuan Thermal Powerplant [REDACTED]	44-24-30N 123-08-30E	On the west edge of Tai-ping-chuan and 62 nm NE of Tung-liao. The wall-secured, rail-served facility consists of a boilerhouse with a generator hall, a waste gas stack, two cooling ponds, and two storage/support bldgs.	25X1
6	Pao-kang Thermal Powerplant [REDACTED]	44-07-00N 123-04-55E	On the southern edge of Pao-kang and 61 nm NE of Tung-liao. The wall-secured facility consists of a boilerhouse with a generator hall, a waste gas stack, a cooling pond, and five storage/support bldgs. A coal pile was next to the boilerhouse.	25X1
7	Tung-liao Thermal Powerplant [REDACTED]	43-37-05N 122-17-40E	In Tung-liao. The rail and road-served facility consists of a boilerhouse, a generator hall, three spray ponds, a control bldg, a switching yard/substation, and 15 support bldgs.	25X1
8	Ssu-ping Thermal Powerplant [REDACTED]	43-10-20N 124-24-00E	On the NE edge of Ssu-ping. The coal-burning facility consists of a boilerhouse with a generator hall, a waste gas stack, and two support bldgs. A steam line extends to some nearby bldgs which are probably used for research. No switching yard was observed.	25X1
9	Chang-chun HF Communications Facility [REDACTED]	43-43-40N 125-30-00E	12 nm SE of Chang-chun. The road-served wall-secured facility consists of a prob control bldg, a poss barracks, a steam plant, five storage/support bldgs, and a basketball court.	25X1
10	Chiu-tai Regional POL Storage Area [REDACTED]	44-06-10N 126-04-00E	7.4 nm SE of Chiu-tai. The road-served facility consists of three storage/support bldgs and eight semiburied POL tanks. The facility has no visible security. No rail transloading facilities were evident.	25X1
11	Che-lin Petroleum Refinery [REDACTED]	43-52-00N 126-40-20E	4.2 nm East of Chi-lin. The road- and rail-served facility, which was in an early stage of construction, consists of five areas. Area A, the main processing area, was ucon and contains a large forced-draft cooler, five large processing bldgs, numerous footings for prob additional bldgs, 14 bldgs connected by a steamline, and two semiburied POL storage tanks. Area B, on the north edge of Area A, contains seven large POL storage tanks ucon and base excavations for at least four additional POL storage tanks. Area C, on the west edge of Area A, consists of a rail transshipment area ucon and contains two large rail transloading areas. One transloading area will probably contain ten tracks. The other was being cleared and graded. Area D, on the south edge of Area A, contains four admin bldgs (one ucon), at least 12 prob barracks, at least nine storage/support bldgs ucon, and two large semiburied water tanks (one ucon). Area E, a POL rail transshipment area 2.5 nm west of Area A, is connected by pipeline to the refinery and contains four POL storage tanks, four support bldgs, and a prob pumphouse/control house. A large rail yard, at 43-51-40N 126-36-25E, 2.7 nm west of Area A, has been enlarged. A secondary processing area, at 43-47-10N 126-38-10E, is probably associated with the refinery.	25X1
12	Che-lin Petroleum Products Storage [REDACTED]	43-47-30N 126-38-16E	4.9 nm SE of Chi-lin. The rail- and road-served facility consists of six small cylindrical tanks, two large cylindrical tanks (semiburied) ucon, and 12 storage/support bldgs.	25X1

TOP SECRET RUFF

25X1

TOP SECRET RUFF

25X1

Table 1 (Continued)

ITEM	INSTALLATION	GEOGRAPHIC COORDINATES	DESCRIPTION	
13	Chiao-ho Thermal Powerplant [REDACTED]	43-42-45N 127-20-40E	In the SE part of Chiao-ho. The road- and rail-served facility consists of a boilerhouse with a generator hall, two waste gas stacks, two cooling ponds, a poss admin/ water purification bldg, a switching yard with four transformers, an oil/gas storage tank ucon, and 18 storage/support bldgs.	25X1
14	Chiao-ho Chemical Fertilizer plant [REDACTED]	43-43-59N 127-21-58E	On the NE edge of Chiao-ho. The wall-secured road-served facility consists of a prob powerplant, a retort bldg, two small gasometers, a gas purification bldg, two nitric acid tanks, a nitric acid production bldg, an ammonia synthesis bldg, a packing and bagging bldg, 35 support/ storage bldgs, and two cooling ponds.	25X1
15	Hsi-yang Probable Explosives Production Plant [REDACTED]	43-32-30N 126-19-30E	3.5 nm south of Hsi-yang. The road-served facility consists of 14 prob explosives production bldgs (seven ucon), a powerplant, five storage bldgs, four support bldgs, ten barracks, and an admin bldg.	25X1
16	Ta-chiao Communications Facility [REDACTED]	43-12-30N 126-17-00E	5.5 nm NNE of Ta-chiao. The road-served facility consists of a main control bldg, 27 support bldgs, and a step-roofed transformer bldg. A 162-meter- (531-foot-) high vertical radiator with a tuning bldg is 1.4 nm east of the control bldg. A feed line runs from the tuning bldg to the control bldg. A separately secured control bldg, 915 meters (3,000 feet) SW of the main control bldg, contains two prob single rhombic antennas served by a common feed probably operating as a double rhombic.	25X1 C 25X1 L
17	Liao-yuan Chemical Fertilizer Plant [REDACTED]	42-53-40N 125-06-45E	1.3 nm SW of Liao-yuan. The road-served wall-secured facility consists of a powerplant, a retort bldg, two small gasometers, a gas purification bldg, two nitric acid tanks, a nitric acid production bldg, an ammonia synthesis bldg, a packing and bagging bldg, nine storage/support bldgs, and a cooling tower.	25X1
18	Liao-yuan Petrochemical Plant [REDACTED]	42-52-50N 125-09-00E	1.2 nm south of Liao-yuan. The partially wall-secured and road-served facility consists of a powerhouse, a retort bldg, two gasometers, five absorbers, at least three semiburied tanks, seven support bldgs, at least four prob barracks, a poss messhall, and a poss admin bldg.	25X1
19	Tien-pao-shan Mining Area [REDACTED]	42-56-20N 128-58-50E	Immediately north of Tien-pao-shan. The road-served facility consists of two vertical mine shafts, a secured explosives-storage bldg, an ore-processing bldg, a power-plant, an ore-processing facility, and numerous storage and support bldgs.	25X1
20	Tu-men Chemical Fertilizer Plant [REDACTED]	43-01-15N 129-40-40E	8 nm NW of Tu-men. The road-served facility consists of a powerplant/steampant, a gasometer, a gas-purification bldg, a retort bldg, an ammonia synthesis bldg, a bagging/ packaging bldg, two storage bldgs, and four support bldgs.	25X1 D
21	Shih-hsien Wood Pulp Plant [REDACTED]	43-04-40N 129-46-30E	In Shih-hsien. The rail- and road-served facility consists of a debarking bldg, a chipping bldg, a boilerplant, a large digester bldg, six poss absorbing towers, a prob roaster bldg, a pyrite waste pond, a large pulp processing and storage bldg, a large wood-storage yard (with overhead gantries), four storage bldgs, ten support bldgs, an a C-shaped admin bldg.	25X1
22	Yen-chi Chemical Fertilizer plant [REDACTED]	42-53-20N 129-31-05E	On the SE edge of Yen-chi. The road-served facility consists of a powerplant, a retort bldg, two gasometers, three nitric acid tanks, a nitric acid production bldg, an ammonia synthesis bldg, and eight storage/support bldgs.	25X1
23	Yen-chi-hsien Thermal Powerplant [REDACTED]	42-46-30N 129-25-10E	On the NE edge of Yen-chi-hsien. The rail- and road-served facility consists of a boilerhouse, a generator hall, a transformer/switching yard, and two cooling ponds.	25X1
24	Chuan-yang Car Repair Facility [REDACTED]	42-19-20N 127-31-50E	On the south edge of Chuan-yang. The facility consists of two 3-track car repair bldgs, five shop bldgs, three storage bldgs, three support bldgs, a heat and power bldg, and a turning wye.	25X1 B 25X1
25	Sung-chiang-ho HF Communications Facility [REDACTED]	42-08-50N 127-28-05E	1 nm SW of Sung-chiang-ho. The facility contains a fence-secured control area with a control bldg, a heat and power bldg, and two support bldgs. A horizontal dipole with a small tuning bldg is south of the control area. One admin bldg and a prob quarters are immediately north.	25X1 L
26	Wu-tao-chiang Possible Microwave Facility [REDACTED]	41-58-04N 126-13-06E	10.5 nm north of Wu-tao-chiang. The facility consists of a control bldg and six support bldgs on a ridge-line. No antenna or mast was discernible.	25X1
27	Tung-hua Radio Communications Transmitter Station [REDACTED]	41-47-50N 125-56-00E	4 nm NNW of Tung-hua. The road-served facility consists of a control bldg, a tuning bldg, and three support bldgs. No security was visible	25X1

TOP SECRET RUFF

25X1

TOP SECRET

TOP SECRET